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Animal Species of Concern



Montana Fish,
Wildlife & Parks

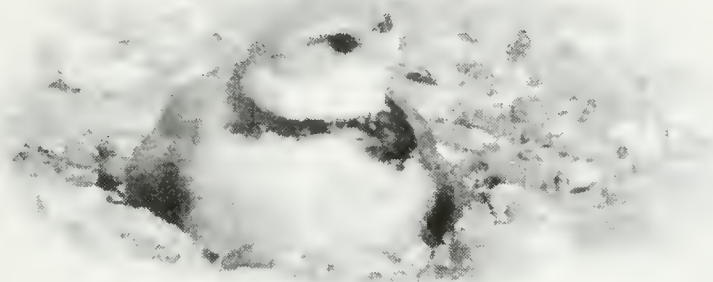
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Piping Plover (*Charadrius melodus*)
Photo by C. M. Carlson

Introduction

This species of concern report is issued jointly by the Montana Fish Wildlife and Parks (MFWP) and the Montana Natural Heritage Program (MTNHP) and is the result of an agreement between MFWP and MTNHP to determine the status of and manage the data associated with Montana Animal Species of Concern (MASC). Previously, separate species of concern lists created independently by MFWP and MTNHP caused confusion for the public and agency personnel. In November of 2000 MFWP and MTNHP agreed to create one list of Montana Animal Species of Concern.

The list and ranks assigned to animal species of concern in Montana are used to prioritize data acquisition by MTNHP and MFWP, and provide information to others on the current status of these species. Species are considered "species of concern" if they have particular threats, declining population trends, or restricted distribution that warrant special attention.

The list is developed by the Montana Animal Species of Concern Committee, which includes staff of MTNHP and MFWP, representatives of the Montana Chapter of the Wildlife Society and the Montana Chapter of the American Fisheries Society, and biologists with knowledge of specific taxa. Inclusion on the list is based on information in the scientific literature, unpublished reports, agency databases, field research, and field inventories. This information comes from a variety of cooperating local, state and federal agencies, private organizations and businesses, academic researchers, and interested individuals.

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The format is consistent with the previous MTNHP list, including the replacement of the Watch List with separate categories further defining the knowledge of these species status.
These are:

Species of Potential Concern: These are species for which population trends indicate a decline. This decline may be noted in portions of the species range outside Montana or throughout the range of the species. The declines suggest that these species may be vulnerable and should be monitored.

Species on Review: These species needing additional data to determine their current status. We may not have enough observations within the state to be able to determine the species status or the information we have may be dated.

We have also added a list of species that have been extirpated from the state.

This list is dynamic and is periodically revised as new data become available. Changes from the previous edition (Carlson 2001) are **underlined** and **bolded** for quick reference. Revisions are produced annually. This publication is available from MTNHP or electronically on the MTNHP home page at <http://nhp.nris.state.mt.us/>.

We encourage written comments and suggestions, especially recommended additions or deletions and insights on the status of species. Comments can be sent to jocarlson@state.mt.us via email or to John Carlson, at the address printed at the top. In addition, we are continuously gathering new location information on all species of concern.

Please submit your observations to MTNHP using the form at the end of this report.

More detailed information on species' status and distributions can be obtained from MTNHP using the "Information Request Form" on the website, or by phone, email or mail. The NatureServe website provides access to information assembled from Natural Heritage Program databases throughout North America (at <http://www.natureserve.org/> or via link from the MTNHP website).

Heritage Program Ranks

Species have been evaluated and ranked on the basis of their global (range-wide) status, and their statewide status, using the standardized ranking system of the Natural Heritage Network (NatureServe 2003).

Species on the list may be common elsewhere but rare in Montana because they are on the margin of their range. These species are noted with a * on the list.

A number of factors are considered when assigning ranks including the number, size, and distribution of known populations, trends (if known), habitat sensitivity, and life history factors which make species especially vulnerable. For example, the *Pallid Bat (*Antrozous pallidus*), G5 / S1, is demonstrably secure range-wide but is at the margin of its range and found locally within a restricted range in Montana.

Species are assigned ranks ranging from 1 (highest concern) to 5 (lowest concern). Rank definitions are given below.

<u>Global/State</u>	<u>Definition (GRank = Range-wide; SRank= Montana)</u>
G1 / S1	Critically imperiled because of extreme rarity or because of some factor(s) of its biology making it especially vulnerable to extinction.
G2 / S2	Imperiled because of rarity or because of other factor(s) demonstrably making it very vulnerable to extinction throughout its range.
G3 / S3	Either very rare and local throughout its range, or found locally (even abundantly at some of its locations) in a restricted range, or vulnerable to extinction throughout its range because of other factor(s).
G4 / S4	Apparently secure, though it may be quite rare in parts of its range, especially at the periphery.

G5 / S5	Demonstrably secure, though it may be quite rare in parts of its range, especially at the periphery.
GU / SU	Possibly in peril, but status uncertain; more information needed.
GH / SH	Historically known; may be rediscovered.
GX / SX	Believed to be extinct; historical records only.

Other codes:

B	A state rank modifier indicating breeding status for a migratory species. Example: S1B, SZN — breeding occurrences for the species are ranked S1 (critically imperiled) in the state, nonbreeding occurrences are not ranked in the state.
F	A state rank modifier indicating a false report of a species.
HYB	A hybrid of species.
M	A state rank modifier indicating migratory stopover status for a species. Example: S1M — migratory stopover sites are ranked S1 (critically imperiled) in the state.
N	A state rank modifier indicating non-breeding/wintering status for a species. Example: S1B, SZN — breeding occurrences for the species are ranked S1 (critically imperiled) in the state, nonbreeding occurrences are not ranked in the state.
Q	Taxonomic questions or problems involved, more information needed; appended to the global rank.

R	Reported in the state, but lacking documentation that would provide a basis for either accepting or rejecting the report.
T	Rank for a subspecific taxon (subspecies, variety, or population); appended to the global rank for the full species.
#	A modifier to SX or SH; the species has been reintroduced but the population is not yet established.
?	Inexact or uncertain: for numeric ranks, denotes inexactness.
*	A species on the margin of their range or an isolated population in Montana

Federal Status

Fish and Wildlife Service

The symbols in this column denote the categories defined by the U.S. Fish and Wildlife Service and indicate the status of a taxon under the federal Endangered Species Act of 1973 (16 U.S.C.A. §1531-1543 (Supp. 1996)).

Categories are listed below:

E	listed endangered.
T	listed threatened
PE	proposed endangered
PT	proposed threatened
C	candidate (those species for which the U.S. Fish and Wildlife Service has sufficient information on biological status and threats to propose to list them as threatened or endangered).

Forest Service

The status of species in Montana as defined by the U.S. Forest Service manual (2670.22). These species are listed by the Regional Forester (Northern Region) on National Forests in Montana.

- S Sensitive; animal species identified by the Regional Forester for which population viability is a concern as evidenced by significant downward trend in population or a significant downward trend in habitat capacity.

Bureau of Land Management

The status of species on Bureau of Land Management lands as defined by the BLM (6840 Manual).

- S BLM Sensitive Species

Selected References

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More Information

Extensive additional information, including location data, is available on all species listed here. MTNHP serves as an information clearinghouse, and each year responds to hundreds of data requests regarding plants, animals, and biological communities of special concern.

To place a data request, contact us via phone (406-444-3009), email (mtnhp@state.mt.us), or use our on-line request form (<http://nhp.nris.state.mt.us/>).

MTNHP's website provides direct access to species data, photographs, search tools, and links to related sites. Visit us at <http://nhp.nris.state.mt.us/>.

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Species of Concern List

Fish

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
*Torrent Sculpin	<i>Cottus rhotheus</i>	G5	S3?		S	
*Spoonhead Sculpin	<i>Cottus ricei</i>	G5	S3?			
White Sturgeon (Kootenai River Population)	<i>Acipenser transmontanus</i> (pop. 1)	G4T1Q	S1	E	S	
Pallid Sturgeon	<i>Scaphirhynchus albus</i>	G1	S1	E		
Paddlefish	<i>Polyodon spathula</i>	G4	S1S2			S
*Shortnose Gar	<i>Lepisosteus platostomus</i>	G5	S1			S
Yellowstone Cutthroat Trout	<i>Oncorhynchus clarki bouvieri</i>	G4T2	S2		S	S
Westslope Cutthroat Trout	<i>Oncorhynchus clarki lewisi</i>	G4T3	S2		S	S
Columbia River Redband Trout	<i>Oncorhynchus mykiss gairdneri</i>	G5T4	S1		S	
Bull Trout	<i>Salvelinus confluentus</i>	G3	S2	T	S	
Fluvial Arctic Grayling	<i>Thymallus arcticus</i>	G5T1Q	S1	C	S	
Sturgeon Chub	<i>Macrohybopsis gelida</i>	G3	S2			S
Sicklefin Chub	<i>Macrohybopsis meeki</i>	G3	S1		S	S
*Pearl Dace	<i>Margariscus margarita</i>	G5	S2			S
Blue Sucker	<i>Cycleptus elongatus</i>	G3G4	S2S3			S
*Trout-perch	<i>Percopsis omiscomaycus</i>	G5	S2			
Sauger	<i>Stizostedion canadense</i>	G5	S2			
Northern Redbelly X Finescale Dace	<i>Phoxinus eos x phoxinus neogaeus</i>	HYB	S3			S

Amphibians

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
Coeur d'Alene Salamander	<i>Plethodon idahoensis</i>	G4	S2		S	S
Boreal Toad	<i>Bufo boreas boreas</i>	G4T4	S3		S	
Great Plains Toad	<i>Bufo cognatus</i>	G5	S3			
Plains Spadefoot	<i>Spea bombifrons</i>	G5	S3			
Northern Leopard Frog	<i>Rana pipiens</i> (E. of cont. divide)	G5	S3		S	
*Northern Leopard Frog	<i>Rana pipiens</i> (W. of cont. divide)	G5	S1		S	

Reptiles

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
Snapping Turtle	<i>Chelydra serpentina</i>	G5	S3			S
*Spiny Softshell	<i>Apalone spinifera</i>	G5	S3			S
Northern Alligator Lizard	<i>Elgaria coerulea</i>	G5	S3			
Sagebrush Lizard	<i>Sceloporus graciosus</i>	G5	S3			
Greater Short-horned Lizard	<i>Phrynosoma hernandesi</i>	G5	S3			
Western Skink	<i>Eumeces skiltonianus</i>	G5	S3			
Western Hognose Snake	<i>Heterodon nasicus</i>	G5	S3			
Milk Snake	<i>Lampropeltis triangulum</i>	G5	S2			
*Smooth Green Snake	<i>Liophorophis vernalis</i>	G5	S2S3			

Birds

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
Common Loon	<i>Gavia immer</i>	G5	S2B		S	S
American White Pelican	<i>Pelecanus erythrorhynchos</i>	G3	S3B			
Black-crowned Night-heron	<i>Nycticorax nycticorax</i>	G5	S3B			
White-faced Ibis	<i>Plegadis chihi</i>	G5	S1B			S
Trumpeter Swan	<i>Cygnus buccinator</i>	G4	S2B,S2N		S	S

Birds (cont'd)

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
Harlequin Duck	<i>Histrionicus histrionicus</i>	G4	S2B		S	S
Bald Eagle	<i>Haliaeetus leucocephalus</i>	G4	S3B,S3N	T		
Northern Goshawk	<i>Accipiter gentilis</i>	G5	S3S4		S	S
Ferruginous Hawk	<i>Buteo regalis</i>	G4	S3B			S
Peregrine Falcon	<i>Falco peregrinus</i>	G4	S2B		S	S
*White-tailed Ptarmigan	<i>Lagopus leucurus</i>	G5	S3			
Columbian Sharp-tailed Grouse	<i>Tympanuchus phasianellus columbianus</i>	G4T3	S1		S	S
*Yellow Rail	<i>Coturnicops noveboracensis</i>	G4	S1B			
*Whooping Crane	<i>Grus americana</i>	G1	S1M	E		
Piping Plover	<i>Charadrius melodus</i>	G3	S2B	T		
Mountain Plover	<i>Charadrius montanus</i>	G2	S2B	PT		
Franklin's Gull	<i>Larus pipixcan</i>	G4G5	S3B			
Caspian Tern	<i>Sterna caspia</i>	G5	S2B			
Common Tern	<i>Sterna hirundo</i>	G5	S3B			
Forster's Tern	<i>Sterna forsteri</i>	G5	S2B			
Interior Least Tern	<i>Sterna antillarum athalassos</i>	G4T2Q	S1B	E		
Black Tern	<i>Chlidonias niger</i>	G4	S3B			S
*Yellow-billed Cuckoo	<i>Coccyzus americanus</i> (E. pop.)	G5	S3B			
*Barn Owl	<i>Tyto alba</i>	G5	S1B,S1N			
Flammulated Owl	<i>Otus flammeolus</i>	G4	S3B		S	S
*Northern Hawk Owl	<i>Surnia ulula</i>	G5	S1B,S1N			
Burrowing Owl	<i>Athene cunicularia</i>	G4	S3B		S	S
Great Gray Owl	<i>Strix nebulosa</i>	G5	S3			S
Black Swift	<i>Cypseloides niger</i>	G4	S3B			
*Broad-tailed Hummingbird	<i>Selasphorus platycercus</i>	G5	S1B			
Black-backed Woodpecker	<i>Picoides arcticus</i>	G5	S3		S	S
Lewis's Woodpecker	<i>Melanerpes lewis</i>	G4	S3S4B			
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	G5	S3S4B			
Olive-sided Flycatcher	<i>Contopus cooperi</i>	G4	S3B			
*Alder Flycatcher	<i>Empidonax alnorum</i>	G5	S1B			
*Cassin's Kingbird	<i>Tyrannus vociferans</i>	G5	S2B			
*Boreal Chickadee	<i>Poecile hudsonica</i>	G5	S1S2			
*Sedge Wren	<i>Cistothorus platensis</i>	G5	S1B			
*Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	G5	S1B			
Eastern Bluebird	<i>Sialia sialis</i>	G5	S2B			
Sprague's Pipit	<i>Anthus spragueii</i>	G4	S3S4B		S	
Black-and-white Warbler	<i>Mniotilta varia</i>	G5	S2S3B			
Baird's Sparrow	<i>Ammodramus bairdii</i>	G4	S3S4B		S	S
*Le Conte's Sparrow	<i>Ammodramus leconteii</i>	G4	S1S2B			S
*Nelson's Sharp-tailed Sparrow	<i>Ammodramus nelsoni</i>	G5	S1B			
*Dickcissel	<i>Spiza americana</i>	G5	S1S2B			S
*Gray-crowned Rosy-Finch	<i>Leucosticte tephrocotis</i>	G5	S3B, S5N			
Black Rosy-Finch	<i>Leucosticte atrata</i>	G4	S3			

Mammals

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
Preble's Shrew	<i>Sorex preblei</i>	G4	S3			S
Dwarf Shrew	<i>Sorex nanus</i>	G4	S3			
Pygmy Shrew	<i>Sorex hoyi</i>	G5	S3			
Merriam's Shrew	<i>Sorex merriami</i>	G5	S3			S

Mammals (cont'd)

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
*Arctic Shrew	<i>Sorex arcticus</i>	G5	S1			
Fringed Myotis	<i>Myotis thysanodes</i>	G4G5	S3			
*Spotted Bat	<i>Euderma maculatum</i>	G4	S1		S	S
Townsend's Big-eared Bat	<i>Corynorhinus townsendii</i>	G4	S2S3		S	S
*Pallid Bat	<i>Antrozous pallidus</i>	G5	S1		S	
*Black-tailed Jack Rabbit	<i>Lepus californicus</i>	G5	S2S3			
*Pygmy Rabbit	<i>Brachylagus idahoensis</i>	G4	S3		S	S
*Uinta Chipmunk	<i>Tamias umbrinus</i>	G5	S3			
Black-tailed Prairie Dog	<i>Cynomys ludovicianus</i>	G4	S3S4	C	S	S
*White-tailed Prairie Dog	<i>Cynomys leucurus</i>	G4	S1		S	S
*Great Basin Pocket Mouse	<i>Perognathus parvus</i>	G5	S2			
*Hispid Pocket Mouse	<i>Chaetodipus hispidus</i>	G5	S1			
Northern Bog Lemming	<i>Synaptomys borealis</i>	G4	S2		S	S
Meadow Jumping Mouse	<i>Zapus hudsonius</i>	G5	S2S3			S
<u>Gray Wolf</u>	<i>Canis lupus</i>	G4	S3	E		
Swift Fox	<i>Vulpes velox</i>	G3	S3		S	S
<u>Grizzly Bear</u>	<i>Ursus arctos horribilis</i>	G4T3T4	S3	T		
Fisher	<i>Martes pennanti</i>	G5	S3		S	S
Black-footed Ferret	<i>Mustela nigripes</i>	G1	S1	E		
North American Wolverine	<i>Gulo gulo luscus</i>	G4T4	S3		S	S
*Western Spotted Skunk	<i>Spilogale gracilis</i>	G5	S1			S
Canada Lynx	<i>Lynx canadensis</i>	G5	S3	T		
<u>American Bison</u>	<i>Bos Bison</i>	G4	S2			
(free ranging herds)						

Invertebrates-Mollusks

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
*Striate Disc	<i>Discus shimaki</i>	G4	S1			
Mission Range Disc	<i>Discus brunsoni</i>	G1	S1			
Marbled Jumping-slug	<i>Hemphillia danielsi</i>	G1G3	S1S3			
Spotted Slug	<i>Magnipelta mycophaga</i>	G2G3	S1S3			
Sheathed Slug	<i>Zacoleus idahoensis</i>	G3G4	S2S3			
Alpine Mountainsnail	<i>Oreohelix alpina</i>	G1	S1			
Bitterroot Mountainsnail	<i>Oreohelix amariradix</i>	G1G2	S1S2			
Keeled Mountainsnail	<i>Oreohelix carinifera</i>	G1	S1			
Carinate Mountainsnail	<i>Oreohelix elrodi</i>	G1	S1			
Berry's Mountainsnail	<i>Oreohelix strigosa berryi</i>	G5T2	S1S2			
Gallatin Mountainsnail	<i>Oreohelix yavapai mariae</i>	G4?T1	S1			
<u>Russell Mantleslug</u>	<i>Udosarx lyrata russelli</i>	G?T1	S1			
Rocky Mountain Dusksnail	<i>Colligyrus greggi</i>	G3G4	S1			
<u>Rocky Mountain Capshell</u>	<i>Acroloxus coloradensis</i>	G1G2	S1			
Flathead Pondsnaill	<i>Stagnicola elrodi</i>	G1	S1			
Largemouth Pondsnaill	<i>Stagnicola elrodiana</i>	G1	S1			
Mountain Marshsnail	<i>Stagnicola montanensis</i>	G3	S1S3			
<u>Shortface Lanx</u>	<i>Fisherola nuttalli</i>	G2	S1S2			
Large-mantle Physa	<i>Physa megalochlamys</i>	G3	S1			

Invertebrates-Arachnids

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
A cave obligate Harvestman	<i>Cryptobunus cavicolus</i>	G1G2	S1S2			

Invertebrates-Crustaceans

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
<u>A cave obligate Amphipod</u>	<i>Stygobromus glacialis</i>	G1G2	<u>S1S2</u>			
A cave obligate Amphipod	<i>Stygobromus montanensis</i>	G1G2	S1S2			
A cave obligate Amphipod	<i>Stygobromus obscurus</i>	G1G2	S1S2			
A cave obligate Amphipod	<i>Stygobromus puteanus</i>	G1G2	S1S2			
<u>A cave obligate Amphipod</u>	<i>Stygobromus tritus</i>	G1G2	<u>S1S2</u>			
<u>A cave obligate Isopod</u>	<i>Salmasellus steganothrix</i>	<u>G2G3</u>	S1S2			

Invertebrates-Insects

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
A Springtail	<i>Oncopodura cruciata</i>	G1G2	S1S2			
Warm Spring Zaitzevian Riffle Beetle	<i>Zaitzevia thermae</i>	G1	S1	C		
Brown's Microcylloepus Riffle Beetle	<i>Microcylloepus browni</i>	G1	S1			
<u>A Mayfly</u>	<i>Caenis youngi</i>	<u>G4</u>	S2			
<u>*Ottoe Skipper</u>	<i>Hesperia ottoe</i>	G3G4	<u>S2S3</u>		S	
*Tawny Crescent	<i>Phyciodes batesii</i>	G4	S2S3		S	
<u>Gillette's Checkerspot</u>	<i>Euphydryas gillettii</i>	<u>G2G3</u>	<u>S2</u>			
*Eastern Ringtail	<i>Erpetogomphus designatus</i>	G5	S1			
<u>Plains Clubtail</u>	<i>Gomphus externus</i>	G5	<u>S2S4</u>			
<u>*Sinuous Snaketail</u>	<i>Ophiogomphus occidentis</i>	G4	<u>S2S4</u>			
<u>Lance-tipped Darner</u>	<i>Aeshna constricta</i>	G5	<u>S1S3</u>			
<u>Blue-eyed Darner</u>	<i>Aeshna multicolor</i>	G5	<u>S2S4</u>			
<u>Zigzag Darner</u>	<i>Aeshna sitchensis</i>	G5	<u>S2S3</u>			
*Subarctic Darner	<i>Aeshna subarctica</i>	G5	S1S2			
<u>Black-tipped Darner</u>	<i>Aeshna tuberculifera</i>	G4	<u>S2S4</u>			
*Ringed Emerald	<i>Somatochlora albicincta</i>	G5	S1S3			
<u>Ocellated Emerald</u>	<i>Somatochlora minor</i>	G5	<u>S2S4</u>			
*Brush-tipped Emerald	<i>Somatochlora walshii</i>	G5	S1S2			
*Western Pondhawk	<i>Erythemis collocata</i>	G5	S1S2			
Boreal Whiteface	<i>Leucorrhinia borealis</i>	G5	S1			
<u>Red-veined Meadowhawk</u>	<i>Sympetrum madidum</i>	G4	<u>S2S3</u>			
<u>Paiute Dancer</u>	<i>Argia alberta</i>	G4	<u>S2S3</u>			
Subarctic Bluet	<i>Coenagrion interrogatum</i>	G5	S1S2			
<u>Prairie Bluet</u>	<i>Coenagrion angulatum</i>	G5	<u>S1S3</u>			
<u>Familiar Bluet</u>	<i>Enallagma civile</i>	G5	<u>S2S4</u>			
<u>Alkali Bluet</u>	<i>Enallagma clausum</i>	G5	<u>S2S4</u>			
Last Best Place Damselfly	<i>Enallagma optimolocus</i>	G1G3Q	S1S3			
<u>Horned Clubtail</u>	<i>Argemomphus cornutus</i>	G4	<u>S2S4</u>			
A Stonefly	<i>Isocapnia crinita</i>	G4	S2			
A Stonefly	<i>Isocapnia integra</i>	G4	S2			
A Stonefly	<i>Utacapnia columbiana</i>	G4	S2			
Meltwater Lednian Stonefly	<i>Lednia tumana</i>	G1	S1			
A Stonefly	<i>Zapada cordillera</i>	G3	S2			
<u>Western Glacier Stonefly</u>	<i>Zapada glacier</i>	<u>G2</u>	S1			
<u>A Stonefly</u>	<i>Isoperla petersoni</i>	<u>G5</u>	S2?			
Alexander's Rhyacophilan Caddisfly	<i>Rhyacophila alexanderi</i>	G2	S2			
A Caddisfly	<i>Rhyacophila ebria</i>	G1?	S1?			
A Rhyacophilan Caddisfly	<i>Rhyacophila newelli</i>	G2?	S2?			
A Rhyacophilan Caddisfly	<i>Rhyacophila glaci</i>	G1	S1			
An Agapetus Caddisfly	<i>Agapetus montanus</i>	G2?	S2?			

Species on Review List

Fish

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
*Shorthead Sculpin	<i>Cottus confusus</i>	G5	SU			
Pygmy Whitefish	<i>Prosopium coulteri</i>	G5	SU			
<u>Brassy Minnow</u>	<i>Hybognathus hankinsoni</i>	G4	SU			
<u>Plains Minnow</u>	<i>Hybognathus placitus</i>	G4	SU			
Northern Red-bellied Dace	<i>Phoxinus eos</i>	G5	SU			
*Creek Chub	<i>Semotilus atromaculatus</i>	G5	SU			
Burbot	<i>Lota lota</i>	G5	SU		S	
Brook Stickleback	<i>Culaea inconstans</i>	G5	SU			
Iowa Darter	<i>Etheostoma exile</i>	G5	SU			

Amphibians

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
* <u>Canadian Toad</u>	<i>Bufo hemiophrys</i>	G4	SR			
*Great Basin Spadefoot	<i>Spea intermontana</i>	G5	SR			
<u>Bullfrog</u>	<i>Rana catesbeiana</i>	G5	SE			
*Wood Frog	<i>Rana sylvatica</i>	G5	SR			

Reptiles

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
* <u>Pygmy Short-horned Lizard</u>	<i>Phrynosoma douglasi</i>	G5	SR			
Common Garter Snake	<i>Thamnophis sirtalis</i>	G5	SU			

Birds

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
Clark's Grebe	<i>Aechmophorus clarkii</i>	G5	SU			
Great Blue Heron	<i>Ardea herodias</i>	G5	SU			
Black-necked Stilt	<i>Himantopus mexicanus</i>	G5	SU			
Wilson's Phalarope	<i>Phalaropus tricolor</i>	G5	SU			
* <u>Yellow-billed Cuckoo</u>	<i>Coccyzus americanus</i> (W. pop.)	G5T3	SU	C		
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	G5	SU			
Western Screech-Owl	<i>Otus kennicottii</i>	G5	SU			
Eastern Screech-Owl	<i>Otus asio</i>	G5	SU			
Short-eared Owl	<i>Asio flammeus</i>	G5	SU			
Common Poorwill	<i>Phalaenoptilus nuttallii</i>	G5	SU			
Chimney Swift	<i>Chaetura pelagica</i>	G5	SU			
Williamson's Sapsucker	<i>Sphyrapicus thyroideus</i>	G5	SU			
Three-toed Woodpecker	<i>Picoides tridactylus</i>	G5	SU			
Plumbeous Vireo	<i>Vireo plumbeous</i>	G5	S?			
Cassin's Vireo	<i>Vireo cassinii</i>	G5	SU			
Sage Thrasher	<i>Oreoscoptes montanus</i>	G5	SU			
*Tennessee Warbler	<i>Vermivora peregrina</i>	G5	SU			
Ovenbird	<i>Seiurus aurocapillus</i>	G5	SU			
*Sage Sparrow	<i>Amphispiza belli</i>	G5	SU			S
Bobolink	<i>Dolichonyx oryzivorus</i>	G5	SU			
*Orchard Oriole	<i>Icterus spurius</i>	G5	SU			

Mammals

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
Yuma Myotis	<i>Myotis yumanensis</i>	G5	SU			
*Northern Myotis	<i>Myotis septentrionalis</i>	G4	SU			
*Eastern Red Bat	<i>Lasiurus borealis</i>	G5	SU			
*Eastern Cottontail	<i>Sylvilagus floridanus</i>	G5	SU			

Invertebrates

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
Black Petaltail	<i>Tanypteryx hageni</i>	G4	SR			
Pacific Spiketail	<i>Cordulegaster dorsalis</i>	G5	SU			
Canada Darner	<i>Aeshna canadensis</i>	G5	SU			
Illinois River Cruiser	<i>Macromia illinoiensis</i>	G5	SR			
<u>Plains Emerald</u>	<i>Somatochlora ensigera</i>	G4	<u>SU</u>			
Bleached Skimmer	<i>Libellula composita</i>	G3	SR			
Hoary Skimmer	<i>Libellula nodisticta</i>	G4	SR			
Wandering Glider	<i>Pantala flavescens</i>	G5	SU			
Sweetflag Spreadwing	<i>Lestes forcipatus</i>	G5	SU			
Variable Dancer	<i>Argia fumipennis violacea</i>	G5T5	SU			
<u>Western Pearlshell</u>	<i>Margaritifera falcata</i>	G4	<u>SU</u>			
<u>Fir Pinwheel</u>	<i>Radiodiscus abietum</i>	<u>G3</u>	SU			
<u>Humped Coin</u>	<i>Polygyrella polygyrella</i>	<u>G2G3</u>	SU			
Lyre Mantleslug	<i>Udosarx lyrata lyrata</i>	G?TU	SU			
<u>Threeridge Valvata</u>	<i>Valvata tricarnata</i>	G5	<u>SU</u>			
<u>Columbia Pebblesnail</u>	<i>Fluminicola fuscus</i>	<u>G3</u>	SU			
Prairie Sprite	<i>Promenetus exacuus megas</i>	G5TU	SU			

Species of Potential Concern List

Birds

Common Name	Scientific Name	Global Rank	State Rank	USFWS	USFS	BLM
Horned Grebe	<i>Podiceps auritus</i>	G5	S4			
<u>Swainson's Hawk</u>	<i>Buteo swainsoni</i>	G5	<u>S4B</u>			S
Greater Sage-Grouse	<i>Centrocercus urophasianus</i>	G4	S4		S	S
Long-billed Curlew	<i>Numenius americanus</i>	G5	S4			S
<u>Loggerhead Shrike</u>	<i>Lanius ludovicianus</i>	<u>G4</u>	S4		S	S
Brewer's Sparrow	<i>Spizella breweri</i>	G5	S4			
Lark Bunting	<i>Calamospiza melanocorys</i>	G5	S4			
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	G5	S4			
McCown's Longspur	<i>Calcarius mccownii</i>	G5	S4			
<u>Chestnut-collared Longspur</u>	<i>Calcarius ornatus</i>	G5	<u>S5B</u>			

Species Dropped from List

Common Name	Scientific Name	Global Rank	State Rank
<u>Idaho Giant Salamander</u>	<i>Dicamptodon aterrimus</i>	G3	<u>SRF</u>
Washington Dusksnail	<i>Amnicola sp 2*</i>	G1	S1

*MTNHP recommends these taxa, thought to be new but as yet undescribed in the scientific literature be dropped until they are documented in publication.

Montana Extirpated Species List

Common Name	Scientific Name	Global Rank	State Rank
Greater Prairie-Chicken	<i>Tympanuchus cupido</i>	G4	SX
Woodland Caribou	<i>Rangifer tarandus caribo</i>	G5T4	SX
Passenger Pigeon	<i>Ectopistes migratorius</i>	GX	SX

MONTANA ANIMAL SPECIES OF CONCERN OBSERVATION FORM

Return form documenting sightings of animal species of special concern to:

Zoologist

Montana Natural Heritage Program

1515 East Sixth Avenue

Helena, MT 59620

Shaded area information required

General:

Common Name: _____

Scientific Name: _____

Observer(s): _____

Address: _____

Phone: _____

Date of submission (M/D/Y): _____

Locational Information:

County: _____ Elevation (range if applicable): _____

Legal Description (TRS & quarter quarter): _____

or

UTM Zone: _____ Northing: _____ Easting: _____

Quad name (if known): _____

Observation data (Size, Condition, Landscape Context):

Date of observation (M/D/Y): _____

Number of individuals: _____ Age(s) and sex(es) (if known): _____

Reproductive evidence: _____

Additional comments regarding this observation: _____

Directions:

Driving and hiking directions to observation location (please provide a photocopy of map with location of the occurrence marked or outlined:)

General Habitat Description: (predominant plant community, habitat description, etc.) _____

Associated Animals: _____

Land Owner: _____

Owner comments (special requests, permissions, circumstances): _____

Additional Comments: _____

Photos: Y N (If Y attach copy if possible)

Specimens: Y N **Collection Numbers:** _____

Location of specimen: _____

DATE DUE

JUL 4	2003				

DEMCO 38-301



Common Tern (*Sterna hirundo*)
Photo by John C. Carlson



Short-horned Lizard
(*Phrynosoma hernandesi*)
Photo by John C. Carlson

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